

Memo

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 123432

Thursday, August 07, 2014 11:15:27 AM

123432

Page 2

Item ID: D2002-015 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Knob
Start Date: 8/07/14 Start Qty: 8.00 ***8*** Cust Item ID:
Required Date: 8/07/14 Req'd Qty: 8.00 ***8*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC8- Inspect parts - second check	0.00				8	0		DAS 37 9-09 14.08.20
120									
QC	Memo	0.00							
Quality Control									
130	Identify as per dwg & Stock Location: <u>GA</u>	0.00				8X			DAS 28 9-09 AUG 21 2014
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MLJ 14-08-21
MLJ 14-08-21

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Picklist Print

Page 1

Thursday, August 07, 2014 11:15:27 AM

Work Order ID: 123432

123432

Parent Item: D2002-015

D2002-015

Parent Item Name: Knob

Start Date: 8/07/14

Required Date: 8/07/14

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP C00.05.18Added inspection level 8EC
IPP Rev:D Now on Doosan Lathe JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELNR1.2500		Purchased		No			f	20.7200		1			

MDFI RINR1 2500

DELIN ROUND BAR 1.25" color: black

14/08/19

DAS
40
9-89

Location

Loc Qty

Loc Code

MAT018

20.72

→ m128113

20.72

1.0

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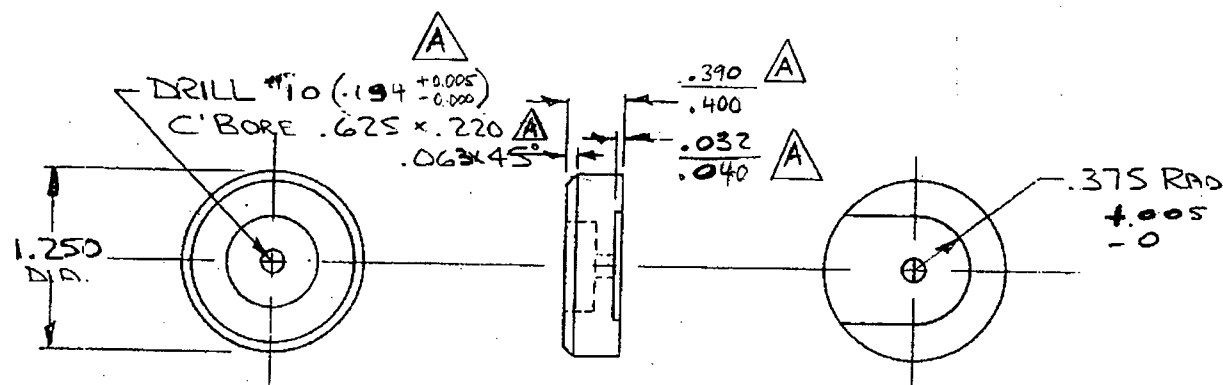
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RELEASED

79.12.09 DS



DETAIL OF D2002-015

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 1234-32 MW
14-08-08

M/F: BLACK DELRIN OR
A BLACK UHMW PER D2689



REVISION		THIS DRAWING IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE PERMISSION OF DART AERO.		RIVET CODE SHALL BE PER NAS 523		QTY REQUIRED		PART NO.		ITEM		DESCRIPTION		MATERIAL		SPEC/VENDOR	
DRAWN				BASIC CODE		DIN DASH NO B/H/HEAD REAR SIDE B/H/HEAD FAN SIDE		CONTRACT NO.		DATE		COUNTRY		TITLE		REV.	
CHECKED				D-DIMPLE B/H/HEAD OF SHEETS C-COUNTERSINK		LENGTH DASH NO W/H/SPOTWELD		DESIGN P. BRADLEY		9/10/08				KNOB		D 2002	
APPROVED				BASIC CODES		B/H/HEAD FAN SIDE B/H/HEAD REAR SIDE		DESIGN P. BRADLEY									
DESCRIPTION				REQUIREMENTS - UNLESS OTHERWISE SPECIFIED				STRESS									
OF				GENERAL		LIMITS		CHECKED									
CHANGE				1. DIMENSIONS ARE IN INCHES 2. SURFACE FINISHNESS - 125 3. REMOVE SHARP EDGES .015 MAX. 4. THREADS PER NAS 1 - 13.5 5. Holes PER AND 10387		1. TOLERANCES - .001 & .002 2. ANGLES - 90° 3. PARALLELISM - .002 MAX. 4. COCENTRICITY - .002 MAX. 5. SYMMETRY ABOUT ALL H/A/C CENTRE LINES .001		CUTTING									
				REPORT ALL DISCREPANCIES - DO NOT SCALE													